SYLLABUS
Physics 1112, Spring 2010

   YF Chapter 1, Chapter 2, 3.1-3.3

2/1 - 2/5 Circular motion, Relative motion, Newton’s Laws, Gravity
   YF 3.4, 3.5, Chapter 4. LAB 2

2/8 - 2/12 Springs, Friction, Drag Forces, Non-inertial frames
   YF Chapter 5, LAB 3

2/15 - 2/19 Energy and Work
   Chapter 6, LAB 4

   Chapter 7

3/1-3/5 Center of mass, momentum, collisions.
   Chapter 8, Prelim 1, Thurs. March 4, 7:30

3/8 - 3/12 Collisions in 2 dimensions, Rocket equation.
   Chapter 8 cont. Lab 6

   Chapter 9, LAB 7

3/29 - 4/2 Angular momentum, gyroscopes.
   Chapter 10

4/5 - 4/9 Static equilibrium, gravity.
   11.1-11.4, Chapter 12, Prelim 2, Thurs. April 8, 7:30

4/12 - 4/16 Gravitational orbits, extended objects
   Chapter 12 cont. Lab 8

4/19- 4/23 Oscillations
   Chapter 13

4/26 - 4/30 Fluid Mechanics
   Chapter 14

5/3 - 5/7 TBA

Final Exam: Friday May 14, 9:00-11:30 AM